FIG.1 RELATED ART

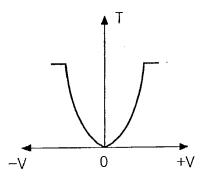
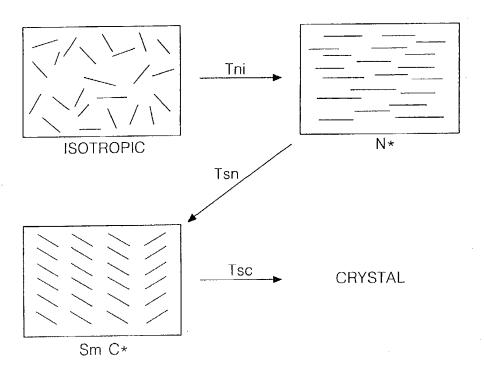


FIG.2 RELATED ART



RUBBING DIRECTION NEMATIC[N\*] 0 0 LIQUID CRYSTAL UNDER SMALL DC FIELD

N\*→Sc\*TRANSITION WITHOUT DC FIELD N\*→Sc\*TRANSITION FIG.3
RELATED ART RANDOM BISTABLE STATE

MONOSTABLE STATE

FIG. 4A RELATED ART

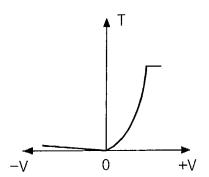


FIG.4B RELATED ART

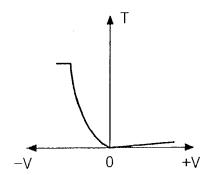


FIG.5 RELATED ART

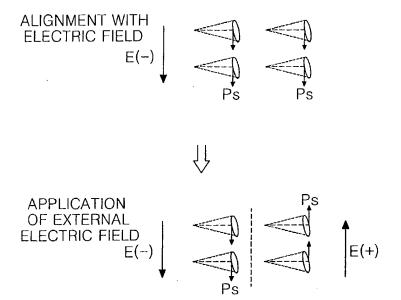


FIG.6

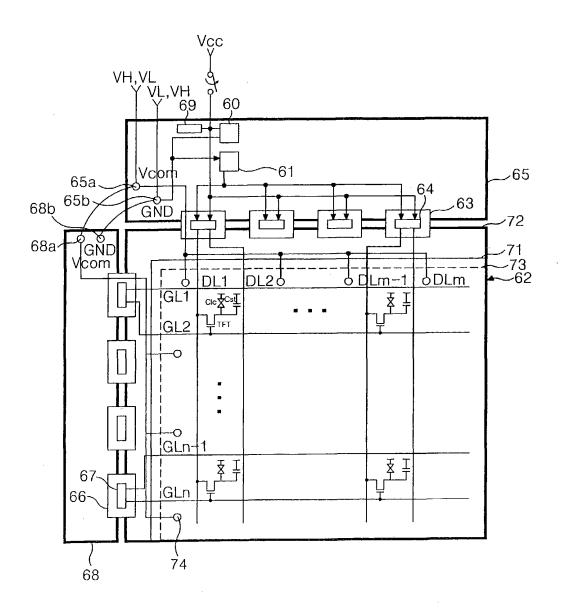


FIG.7

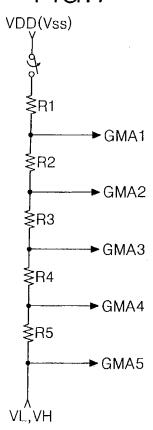


FIG.8

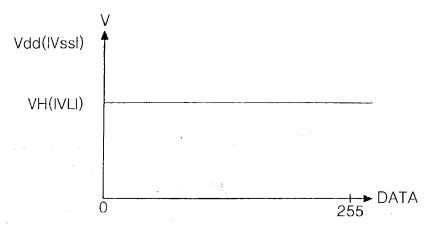


FIG.9

